

Number of Days for Vegetable Seeds to Emerge at Different Temperatures

Crops	32°F	41°F	50°F	59°F	68°F	77°F	86°F	95°F	104°F
Asparagus	0.0	0.0	52.8	24.0	14.6	10.3	11.5	19.3	28.4
Beans, Lima	—	—	0.0	30.5	17.6	6.5	6.7	0.0	—
Beans, Snap	0.0	0.0	0.0	16.1	11.4	8.1	6.4	6.2	0.0
Beets	—	42.0	16.7	9.7	6.2	5.0	4.5	4.6	—
Cabbage	—	—	14.6	8.7	5.8	4.5	3.5	—8.6	—
Carrots	0.0	50.6	17.3	10.1	6.9	6.2	6.0	—	0.0
Cauliflower	—	—	19.5	9.9	6.2	5.2	4.7	0.0	—
Celery	0.0	41.0	16.0	12.0	7.0	0.0	0.0	3.0	—
Cucumbers	0.0	0.0	0.0	13.0	6.2	4.0	3.1	—	—
Eggplant	0.0	—	—7.	—	13.1	8.1	5.3	0.0	—
Lettuce	49.0	14.9	0	3.9	2.6	2.2	2.6	—	0.0
Muskmelons	—	—	—	—	8.4	4.0	3.1	—	—
Okra	0.0	0.0	0.0	27.2	17.4	12.5	6.8	6.4	6.7
Onions	135.8	30.6	13.4	7.1	4.6	3.6	3.9	12.5	0.0
Parsley	—	—	29.0	17.0	14	13.0	12.3	—	—
Parsnips	171.7	56.7	26.6	19.3	13.6	14.9	31.6	0.0	0.0
Peas	—	36.0	13.5	9.4	7.5	6.2	5.9	—	—
Peppers	0.0	0.0	0.0	25.0	12.5	8.4	7.6	8.8	0.0
Radishes	0.0	29.0	11.2	6.3	4.2	3.5	3.0	—	—
Spinach	62.6	22.5	11.7	6.9	5.7	5.1	6.4	0.0	0.0
Sweet Corn	0.0	0.0	21.6	12.4	6.9	4.0	3.7	3.4	0.0
Tomatoes	0.0	0.0	42.9	13.6	8.2	5.9	5.9	9.2	0.0
Turnips	0.0	0.0	5.2	3.0	1.9	1.4	1.1	1.2	2.5
Watermelons	—	0.0	—	—	11.8	4.7	3.5	3.0	—

Source: J. F. Harrington, Agricultural Extension Leaflet, 1954.

Notes: 0.0 = Little or no germination.

— = Not tested.